

***Working in/near Water***  
**ACTIVITY HAZARDS ANALYSIS**  
***Hydrologic Engineering Branch***

**ACTIVITY: Stream Gaging from Bridges**

ANALYZED BY/DATE: Ray McTee, 8/29/01

REVIEWED BY/DATE: Larry Janis, 8/29/01

PRINCIPAL STEPS	POTENTIAL HAZARDS	RECOMMENDED CONTROLS
Stream Gaging from Bridges	<ol style="list-style-type: none"><li>1. Falling in to stream</li><li>2. Death or bodily injury</li><li>3. Inclement weather</li></ol>	<ol style="list-style-type: none"><li>1. Install barricades to direct traffic away from your work area</li><li>2. Warning lights &amp; signs should be visible to oncoming vehicles</li><li>3. Have foul weather clothing for rain, snow or ice, hot or cold</li><li>4. Use proper lifting techniques when handling the equipment</li><li>5. Be alert during high water of potential bridge damage or being swept over</li><li>6. Avoid hypothermia by keeping clothing dry</li></ol>
EQUIPMENT TO BE USED	INSPECTION REQUIREMENTS	TRAINING REQUIREMENTS
<ol style="list-style-type: none"><li>1. Stream gaging rig</li><li>2. Cones</li><li>3. Weights</li></ol>	<ol style="list-style-type: none"><li>1. Stream gaging rig condition</li><li>2. Bridge surface condition</li></ol>	On-the-job training with one experienced in stream gaging.